Plugging into your 2011 VOLT

It's more car than electric.

Congratulations on your new Chevrolet Volt.

It's an amazing vehicle, and we're sure you're eager to get behind the wheel and see what it can do.

For a quick introduction to the Volt, review this guide. It provides the basic information needed to charge it, start it, and hit the road. Complete details can be found in your Owner Manual.

For additional information, please visit www.chevrolet.com/volt. To speak with a Volt Customer Advisor, call 1-877-4-VOLT-INFO.

INSTRUMENT PANEL CONTROLS

Driver Information Center Controls
Instrument Panel Illumination Control
Turn Signal Lever/ Pedestrian Friendly Alert Lever/Exterior Lamps Control
Instrument Cluster/Driver Information Center
Windshield Wipers Lever
Power Mirror Controls/Power Window Switches/Rear Door Safety Lock Switch
Fuel Door Release
Charge Port Release
Cruise Control
Tilt/ Telescopic Steering Wheel Lever
Audio Steering Wheel Controls

- BRAKE Brake System
- Safety Belt Reminder
- REAR Seat Safety Belt Reminder
- Airbag Readiness
- High Beam Headlamps
- Engine Oil Pressure
- 12V Charging System
- Engine Coolant Temperature
- Security
- Service Electric Parking Brake
- Electric Parking Brake Set
- Cruise Control
- Door, Hood or Hatch Open
- Low Fuel
- Antilock Brake System
- Lights On Reminder
- Low Tire Pressure
- StabiliTrak/Traction Control
- Check Engine

Note: *Refer to your Owner Manual to learn about the information being relayed by the lights, gauges and indicators of the instrument cluster, as well as what to do to ensure safety and prevent damage to your vehicle.*

See Instruments and Controls in your Owner Manual.

GETTING STARTED

See More

To get started driving your Volt, review the basic information in this guide along with your Owner Manual. To view informative online videos about Volt operations, scan the QR code in this guide with your smart phone. To scan a code:

Sample

1. Use the QR Code Reader on your smart phone or download a free reader to your smart phone from your phone's app store.
2. Start the reader.
3. Hold the phone over the code and shoot. Some phones will recognize the code automatically.

Remote Keyless Entry (RKE)

The RKE transmitter performs several remote functions and must be in the vehicle to operate the Volt.

Key Release

Press the top button to extend the key, which can be used to unlock the driver's door.

Unlock

Press to unlock the driver's door or all doors.

Lock

Press to lock all doors.

Charge Port Door

Press to open the charge port door.

Getting Started Basics

Remote Start

Press the Lock button and then press and hold the button to start the vehicle and condition the passenger cabin temperature from outside. The heating or air conditioning system and rear window defogger (if needed) will turn on. Depending on conditions, the engine may start.

After entering the vehicle, press the brake pedal and then press the **POWER** button before driving.

Note:

- Press and hold the Remote Start button again to cancel a remote start.
- Only two remote starts are allowed between ignition cycles.
- It's RECOMMENDED to use this feature when the vehicle is plugged in to allow energy from the wall outlet to assist in getting the cabin to a comfortable temperature and to leave more battery energy for driving.

Panic Alarm

Press and release to locate the vehicle.

Press and hold for three seconds to sound the panic alarm.

See Keys, Doors and Windows in your Owner Manual.

GETTING STARTED

POWER Button

The Volt features an electronic push-button start. The **POWER** button flashes when the driver's door is opened upon entry. Once the vehicle is ON, the button illuminates.

Note: *The air conditioning compressor, pumps and fan may run at any time, even when the vehicle is OFF, to cool or warm the propulsion battery.*

Starting the Vehicle/ON

► With the vehicle in Park or Neutral, press the brake pedal and then press the ⏻ **POWER** button. A power ON audio cue will sound.

The vehicle will not shift out of Park and will display a Charge Cord Connected message if the vehicle is still plugged in.

When ON, the instrument cluster will display an active battery or fuel gauge. The engine will only start if needed.

Stopping the Vehicle/OFF

► Shift to Park and then press the ⏻ **POWER** button. A power OFF audio cue will sound.

Conditions for the Engine Starting

When vehicle power is ON, the engine may start to provide energy for heating and cooling, independent of the vehicle being plugged in or completely charged. Some other conditions that may also cause the engine to start include:

- Propulsion battery charge is low
- Propulsion battery temperature is hot or cold
- Cold ambient temperatures
- Hood is open
- Engine and Fuel Maintenance Modes (Occur only if the engine has had very limited operation over a long period)

See Driving and Operating in your Owner Manual.

Seat and Steering Wheel Adjustment

Before driving, adjust the seat and steering wheel to a comfortable position.

► Pull down the lever (A) to unlock the steering wheel and adjust its position.

► Lift the handle (B) under the right-front side of the seat to slide the seat forward or rearward.

► Ratchet the side lever (C) up or down to raise or lower the seat.

► Lift the rear lever (D) to adjust the seatback.

See Seats and Restraints in your Owner Manual.

ELECTRIC AND EXTENDED-RANGE MODES

Volt is an electric vehicle with extended range capability. Plug it in, let it charge overnight, and it's ready to run on a pure electric charge — gas- and tailpipe emissions-free. After that, Volt keeps going, even if you can't plug it in. Volt uses a range-extending gas engine that produces enough energy to power it for hundreds of miles on a single tank of gas.

Electric Mode

In Electric Mode, the Volt will not use gasoline or produce tailpipe emissions. During this primary mode, the Volt is powered by electrical energy stored in its propulsion battery. It can operate in this mode until the battery is depleted to a predetermined level.

Extended-Range Mode

Once the initial electric charge is depleted, the range-extending gas engine will start to generate enough power to continue driving the vehicle. The engine ensures that you will not be stranded by a depleted battery. The vehicle determines when the engine needs to run. Engine speed will vary, depending on driving conditions, to optimize efficiency. The engine will not fully charge the propulsion battery. The vehicle must be plugged in to recharge.

Total Vehicle Range

The Total Range indicator displays the total distance that can be driven, based on the combined electric and extended range, before recharging or refueling the vehicle.

The displayed electric and fuel ranges are projections based on past vehicle performance and charge/fuel level. The displayed ranges will change based on current driving style and climate settings.

See Driving and Operating in your Owner Manual

INSTRUMENT CLUSTER

Simple Configuration shown

The instrument cluster features a reconfigurable 7-inch LCD screen that displays a variety of operating information.

The **Simple Configuration** displays basic information for Electric Mode and Extended-Range Mode operation.

The **Enhanced Configuration** displays an additional driver efficiency gauge.

Driver Information Center

Use the Driver Information Center controls on the left side of the instrument panel to change the instrument cluster display and access the menus.

CONFIG

Press to select the Simple or Enhanced instrument cluster display configuration.

SELECT

Turn the knob to scroll through the menus. Press it to select a highlighted item.

⇦BACK

Press to move back or exit a menu.

See Instruments and Controls in your Owner Manual.

INSTRUMENT CLUSTER

Electric Mode Display

Enhanced Configuration shown

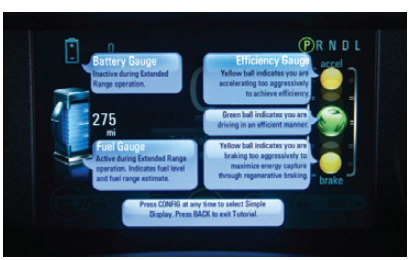
The propulsion battery gauge and electric range estimate are in color and displayed in the foreground when the vehicle is operating in Electric Mode. The fuel gauge is grayed out.

Extended-Range Mode Display

Enhanced Configuration shown

The fuel gauge and fuel range estimate are in color and displayed in the foreground when the vehicle is operating in Extended-Range Mode. The propulsion battery gauge is grayed out.

Cluster Tutorial


0
P R N D L
Battery Gauge
Inactive during Extended Range operation.
Efficiency Gauge
Yellow ball indicates you are accelerating too aggressively to achieve efficiency.
accel
275
mi
Green ball indicates you are driving in an efficient manner.
Fuel Gauge
Active during Extended Range operation. Indicates fuel level and fuel range estimate.
Yellow ball indicates you are braking too aggressively to maximize energy capture through regenerative braking.
brake
Press CONFIG at any time to select Simple Display. Press BACK to exit Tutorial.

Enhanced Configuration shown

- To view a tutorial about the unique features of the instrument cluster, with the vehicle in Park, turn the SELECT knob until Tutorial Mode is highlighted. Press the knob to select it.

See Instruments and Controls in your Owner Manual.

Configurable Cluster Display

Driver Information Center

EFFICIENCY

Driving Style

Your driving style plays a large role in the efficiency of the vehicle. Avoid rapid acceleration or deceleration to help maximize energy efficiency and range. Electric range is maximized at 50 mph and below. Higher speeds use more energy and significantly reduce electric range.

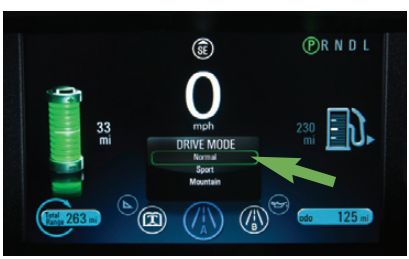
Efficiency Gauge

- Press the **CONFIG** button to select the Enhanced Configuration of the instrument cluster to display the efficiency gauge.

While driving, try to keep the spinning ball in the Efficiency Gauge green and in the center of the gauge. The ball will turn yellow and move up or down during inefficient acceleration or aggressive braking. The ball stops spinning when the vehicle stops.

Operating Modes

Press the **DRIVE MODE** button on the center stack to scroll through a menu of operating modes when more performance is needed. After three seconds, the highlighted mode will become active. At the next start, the vehicle will default to Normal mode.



Normal (Default)

Use when possible in normal driving conditions for efficient operation; active each time the vehicle is started.

Sport

Use when more responsive acceleration is desired; reduces efficiency.

Mountain

Engage prior to entering mountainous terrain (long grades of 5% or higher); reduces efficiency but provides power to maintain higher speeds on steep grades.

Climate Settings

Optimal efficiency is achieved with the heat, air conditioning and fan turned off.

When using the climate mode settings, the most efficient operation is in the following order: FAN ONLY, ECO, COMFORT.

Use the heated seats (if equipped) to reduce the demand on the cabin heating system. Heating the seats uses less energy than heating the vehicle interior.

See Driving and Operating in your Owner Manual.

EFFICIENCY

Center Stack Information Displays

The 7-inch LCD touch screen in the center stack displays Power Flow, Charging and Energy Information.

► Press the **Leaf** button on the center stack and then touch the desired tab at the top of the screen to display the desired information.

Power Flow

The Power Flow screens show the power flow between the propulsion battery, electric drive unit and engine. Each component is highlighted when it is active.

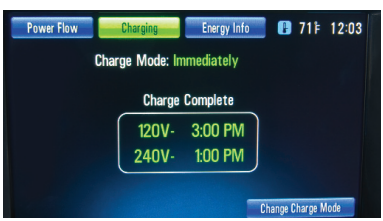
Power Flow screen

Charging

The Charging screens show the charge mode status. The vehicle has three programmable charge modes:

– Immediately upon plug-in
– Delayed based on departure time
– Delayed based on electric rates and departure time

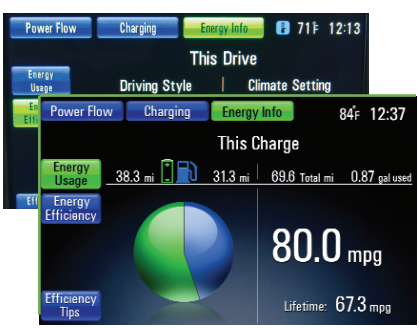
Charge complete times are estimates and most accurate at moderate temperatures.



Charging screen

Energy Information

The Energy Info screens show the energy use (Electric Mode and Extended-Range Mode) since the last time the vehicle was fully recharged, energy efficiency over the last drive cycle, and efficiency tips to improve energy use.



Energy Info screens

See Instruments and Controls in your Owner Manual.

Leaf Button

SETTINGS, SIGHTS AND SOUNDS

Infotainment/Vehicle Personalization Displays

The touch screen in the center stack also can be used to display and adjust Infotainment, Vehicle Personalization and Climate Control settings.

- Use the controls on the center stack and the touch screen to access the various menus and settings.
- The center stack controls only need a light touch to operate and work best with bare hands. Use the finger pad rather than the finger tip to minimize response time. The controls will work with most gloves, but may take longer to respond. Remove gloves if necessary for proper operation.
- In the screen menus, an arrow on the right side indicates a submenu is available. A check mark next to an item indicates it is selected/on.

Infotainment

The Infotainment system features radio, CD/DVD player (DVD video will play only when the vehicle is in Park), auxiliary player, navigation, voice recognition and Bluetooth® phone functions.

- Connect an auxilary device to the input jack or USB port, located in the center console.

Vehicle Personalization

- Some features can be customized to your preference. Press the **CONFIG** button on the center stack to display the available personalization menus; use the **TUNE/MENU** knob and ⇦**BACK** button or touch screen buttons to enter and select menu options.
- To pair a Bluetooth phone, select Phone > Bluetooth > Add New Phone. Follow the pairing instructions.
- The Energy Usage screen will pop up each time the vehicle is turned off. To turn the pop-up on/off, select Vehicle > Comfort and Convenience > Energy Usage Exit Pop-Up.
- An audible tone sounds each time a button is pressed on the center stack. To turn the tone on/off, select Vehicle > Comfort and Convenience > Button Chime.
- To set the clock, press the **TP** (Time Program) control on the center stack. Use the screen buttons on the display to adjust the time.

Audio System

See Infotainment and Instruments and Controls in your Owner Manual.

SETTINGS, SIGHTS AND SOUNDS

Climate Controls

Note: *Under certain conditions, the engine will start to ensure full heat and defrost capability.*

See Climate Controls in your Owner Manual.

- Press the **CLIMATE** button on the center stack to view the Climate Control touch screen.
- Press the **AUTO** button on the center stack to have the system operate automatically.

The Climate Power gauge on the screen displays the impact of the climate settings on energy consumption. A lower percentage indicates less energy is being used.

Climate System

Pedestrian Friendly Alert

The pedestrian alert feature can help alert people who may not hear your vehicle approaching when driving at low speeds, such as in a parking lot. The feature is available only at speeds less than 40 mph (Not available in Park).

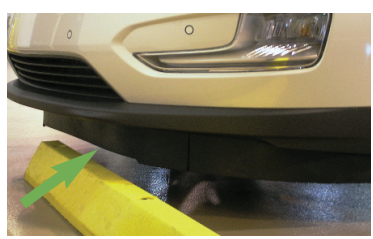
- Pull the turn signal lever toward you. The high-beam headlamps will turn on and a soft-note alert will sound. When the lever is released, the headlamps and alert will turn off.

See Lighting in your Owner Manual.

PARKING

Low Ground Clearance

The low ground clearance of the Volt aids in the aerodynamic efficiency of the vehicle. As a result, the flexible air deflector under the front fascia (bumper) may contact a parking block or curb if the vehicle is parked too closely. Use care when parking to avoid damage.



See Vehicle Care in your Owner Manual.

Electric Parking Brake

- To apply the parking brake, pull the (P) PARK **Parking Brake** switch by the shift lever.
- To release the parking brake, with the ignition ON, press the brake pedal and press the (P) PARK **Parking Brake** switch.

See Driving and Operating in your Owner Manual.

CHARGING

Battery

The Volt is powered by a lithium-ion high voltage battery pack, which holds its charge efficiently and has no memory effect (so it doesn't have to be run down completely before recharging). Keep the vehicle plugged in, even when fully charged, to keep the battery temperature ready for the next drive.

Start Charging

The provided 120-volt portable charge cord is located in the storage compartment under the cargo floor.

1. Plug the charge cord into an electrical outlet. Charge cord indicators should be green.

Note: *A reduced charging level is available on the portable charge cord when the electrical current is limited. Also, do not use an extension cord. See your Owner Manual.*

2. Press the **Charge port door release** button, located on the driver's door or RKE transmitter, for one second.
3. Plug the charge cord into the vehicle's charge port located just in front of the driver's door. Squeeze the plug button on the charge cord to use the flashlight to help illuminate the charge port if needed.
4. The charging indicator on top of the instrument panel will illuminate green and the horn will chirp when properly connected.

If the vehicle is locked with the RKE transmitter, the charge cord theft alert is armed automatically after 30 seconds.

Note: *When the theft alert is armed, the alarm will sound when the plug is disconnected from the locked vehicle.*

► To temporarily override a delayed charge event, unplug the cord from the charge port and then plug it back in within five seconds. It will begin charging immediately.

Charging Basics

See Driving and Operating in your Owner Manual.

CHARGING

Charging Status

The charging status indicator is located on the instrument panel near the windshield.

Note: *Immediately after plugging in, the charging status indicator may be amber for up to five seconds before turning green. The charging system may run fans and pumps when the vehicle is turned off.*

- **Solid green with single horn chirp** – Vehicle is plugged in; battery is charging
- **Slow (long pulse) flashing green with double horn chirp** – Vehicle is plugged in; delayed battery charging
- **Fast (short pulse) flashing green** – Vehicle is plugged in; battery is fully charged
- **Solid yellow** – Vehicle is plugged in; not charging
- **No light** – Vehicle is not plugged in OR there is an issue with the charger or wall outlet
- **Horn chirps and no light** – Electricity was interrupted before charging was completed

Charging Time

Using a standard 120-volt household outlet will take approximately 10 hours to charge and using a 240-volt charging station will take approximately 4 hours to charge.

Charging Mode

► Press the **Leaf** button and then touch the Charging tab on the center stack touch screen or press the **Charge port door release** button to view the current charge mode status.

Programmable Charging

The Volt can be programmed for three charging modes: Immediate, Delayed Departure Time, Delayed Rate and Departure Time.

► On the Charging screen, touch the Change Charge Mode screen button to select a charge mode.

End Charging

1. Unlock the vehicle with the RKE transmitter to disarm the charge cord theft alert.
2. Unplug the charge cord from the vehicle by squeezing the plug button.
3. Unplug the charge cord from the electrical outlet.
4 Stow the charge cord.

See Driving and Operating in your Owner Manual.

CHARGING

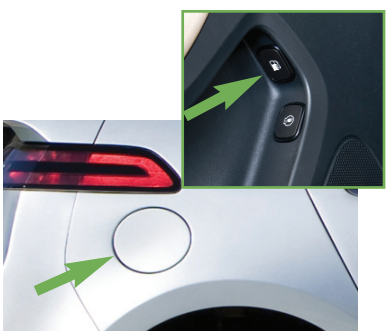
Home Charging Station

Charging equipment with a rating of at least 240Volt/20Amp will provide the fastest charging time to recharge the propulsion battery.

Contact your dealer or a Volt Customer Advisor for more information about an available 240V home charging station.

FUELING

Filling the Fuel Tank



1. Press the **Fuel door release** button, located on the driver's door, for one second. The Wait to Refuel message will display on the instrument cluster.
2. When the Ready to Refuel message displays, the fuel door on the passenger's side of the vehicle will unlock. It will not open automatically.
3. Press the rear edge of the fuel door; it will pop open slightly. Open the door to refuel the vehicle.

Fuel

Use premium fuel with an octane rating of 91 or higher.

Engine and Fuel Maintenance

The Engine Maintenance Mode will run the engine to keep it in good working condition after approximately six weeks of no or very limited engine operation.

The Fuel Maintenance Mode tracks fuel age and will run the engine to use the fuel if the average fuel age exceeds approximately one year.

See Driving and Operating in your Owner Manual.

VOLT CUSTOMER ADVISORS

1-877-4-VOLT-INFO

(1-877-486-5846)

Chevrolet has a team of dedicated Volt experts ready to help owners. If you have any questions or would like more information about your Volt, contact a Volt Customer Advisor.

ROADSIDE ASSISTANCE

1-888-811-1926 **TTY Users: 1-888-889-2438**

As the owner of a new Chevrolet, you are automatically enrolled in the Chevrolet Roadside Assistance program, which provides roadside service for 5 years/100,000 miles at no expense to you. This value-added service is intended to provide you with peace of mind as you drive in the city or travel the open road.

Chevrolet's Roadside Assistance toll-free number is staffed by a team of trained advisors who are available 24 hours a day, 365 days a year, to contact a service provider for light services (fuel delivery, jump-starts, flat tire and lock-outs) or make arrangements to tow your vehicle to the nearest Volt Authorized Chevrolet dealer.

OnStar®

If you have a current OnStar subscription, press the OnStar button and the vehicle will send your current GPS location to an OnStar Advisor who will speak to you, assess your problem, contact Roadside Assistance and relay your exact location so you will get the help you need.

For more information about OnStar services, press the OnStar button, refer to the OnStar Owner Guide, call 1-888-466-7827 or visit onstar.com.

MyVolt.com OWNER WEBSITE

MyVolt.com, a complimentary service for Volt owners, is a one-stop resource designed to enhance your Volt ownership experience. Owners can communicate with their vehicle online to check pertinent vehicle information and perform a number of remote commands. Also available are online service reminders, vehicle maintenance tips, online owner manual, special privileges and more. Sign up today at **www.MyVolt.com**.

Always demand genuine GM Parts

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